

Appln No. 10/760,192
Amdt. Dated May 4, 2006
Response to Office Action of April 12, 2006

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REMARKS/ARGUMENTS

The Applicant thanks the Examiner for the Office Action dated April 12, 2006.

Claim Amendments

Claim 1 has been amended to specify that the cartridge comprises "power and data contacts for electrical connection with complementary power and data contacts on said cradle when said cartridge is received in said cradle". Basis for this amendment can be found at page 7, lines 13-17; page 23, lines 1-5; and Figure 3.

Claim Rejections - 35 USC § 103

The Applicant disagrees with the Examiner's analysis of the combined teachings of Silverbrook and Kotaki.

Nevertheless, in deference to the Examiner's maintained rejection, claim 1 has been amended to specify that the printer cartridge comprises power and data contacts for electrical connection with complementary power and data contacts on the cradle.

Silverbrook discloses a printhead/ink supply assembly having a TAB film 10 connected to the printhead 2. Although not explicitly specified in Silverbrook, this TAB film would be connected to a print engine controller chip and power supply located elsewhere in the printer. This type of electrical connection makes it unfeasible for Silverbrook to make its printhead/ink supply assembly a replaceable cartridge unit.

If (which is denied) one accepts that Kotaki's replaceable ink cartridge suggests to the skilled person that he should modify Silverbrook's printhead/ink supply system so that it is a replaceable printer cartridge unit, the skilled person is still required to make a substantial reconstruction and redesign of Silverbrook's assembly. The skilled person is required not only to manufacture Silverbrook's assembly as a replaceable integrated unit with the required mechanical connectors, he is also required to replace the Silverbrook's TAB film 10 with a different type of electrical connection.

Such a modification of Silverbrook is not suggested to the skilled person by Kotaki. Moreover, such a modification is contrary to the findings of *In re Ratti*, 270, F. 2d at 813, 123 USPQ at 352 (CCPA 1959):

"... the suggested combination of references would require a substantial reconstruction and redesign of the elements shown in [the primary reference] as well as a change in the basic principle under which the [primary reference] construction was designed to operate".

Clearly, Silverbrook's assembly was never intended to be used as a replaceable printer cartridge and the electrical connections used by Silverbrook are wholly unsuitable for use in the printer cartridge according to the present invention.

For these reasons, it is submitted that the present invention, as defined by claim 1, is not obvious in view of the combination of Silverbrook and Kotaki.

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It is respectfully submitted that all of the Examiner's objections have been successfully traversed. Accordingly, it is submitted that the application is now in condition for allowance. Reconsideration and allowance of the application is courteously solicited.

Very respectfully,
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